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**Part Number:** [5054332071](#)

**Status:** **Active**

**Overview:** [Micro-Lock Plus Wire-to-Board Connector System](#)

**Description:** 1.25mm Pitch, Micro-Lock Plus PCB Header, Dual Row, Vertical, Surface Mount, Tin-Bismuth Plating, Positive Lock, 20 Circuits, Tape and Reel, Black

**Documents:**

[3D Model \(PDF\)](#)

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification 5054320000-002 \(PDF\)](#)

[Product Specification 5054320000-005 \(PDF\)](#)

[Application Specification AS-505432-001-001 \(PDF\)](#)

[Packaging Specification 5054339200-200 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Literature \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
Series [505433](#)  
Application Signal, Wire-to-Board  
Overview [Micro-Lock Plus Wire-to-Board Connector System](#)  
Product Name Micro-Lock Plus  
UPC 889056421669

**Physical**

Breakaway No  
Circuits (Loaded) 20  
Circuits (maximum) 20  
Color - Resin Black  
Durability (mating cycles max) 30  
First Mate / Last Break No  
Glow-Wire Capable No  
Guide to Mating Part No  
Keying to Mating Part None  
Lock to Mating Part Yes  
Material - Metal Brass  
Material - Plating Mating Tin-Bismuth  
Material - Plating Termination Tin-Bismuth  
Material - Resin Polyamide  
Net Weight 1219.851/mg  
Number of Rows 2  
Orientation Vertical  
PCB Locator No  
PCB Retention Yes  
Packaging Type Embossed Tape on Reel  
Pitch - Mating Interface 1.25mm  
Pitch - Termination Interface 1.25mm  
Plating min - Mating 1.000µm  
Polarized to Mating Part Yes  
Polarized to PCB Yes  
Stackable No  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -40° to +105°C  
Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 1.5A



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[505433 Series](#)

**Mates With**

[Micro-Lock Plus Receptacle Housing  
505432](#)

Voltage - Maximum

50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification

AS-505432-001-001

Packaging Specification

5054339200-200

Product Specification

5054320000-002, 5054320000-005

Sales Drawing

5054330000-000

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